ABSTRACT OF THE DISCLOSURE

A multi-stack optical data storage medium, for recording using a focused radiation beam having a wavelength λ and entering through an entrance face of the medium , has a first substrate having a first guide groove formed therein, and a first recording stack including a recordable type recording layer having a thickness d_{L0G} in the groove and a thickness d_{L0L} adjacent the groove. A second substrate has a second guide groove formed therein, and a second recording stack including a recordable type recording layer having a thickness d_{L1G} in the groove and a thickness d_{L1L} adjacent the groove. The second recording stack is at a position closer to the entrance face than the first recording stack. The depth of the first guide groove is smaller than 0.15λ and d_{L0L} is substantially equal to or larger than d_{L1G}.